## What is claimed is:

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An apparatus for storing an elongate member comprising:

a support frame;

a spool rotatably supported by said support frame, said spool having a cylindrical body and a pair of flanges extending radially outward from opposite ends of said cylindrical body;

a spring rewind motor operatively disposed between said support frame and said spool, said spring rewind motor being capable of exerting a torque on said spool for counteracting a rotational displacement of said spool from an initial position in a first rotational direction;

a viscous clutch assembly operatively disposed between said spool and said support frame to exert a retarding torque between said spool and said support frame, said viscous clutch assembly comprising a housing defining a sealed chamber, a viscous liquid contained therein, and a plurality of vanes disposed in said sealed chamber; and

a unidirectional clutch assembly operatively disposed between said spool and said support frame, said unidirectional clutch assembly operating disengage said viscous clutch assembly when said spool is rotated in said first rotational direction, thereby permitting said spool to rotate without said viscous clutch exerting a substantial retarding torque, said unidirectional clutch assembly further operating to engage said viscous clutch assembly such that said viscous clutch exerts a retarding torque between said spool and said frame for limiting rotational velocity of said spool when said spool is rotated in a second rotational direction.

- 2. The apparatus of claim 1, wherein:
- 2 said unidirectional clutch assembly comprises a ramp and ball overraining clutch.
- 1 3. The apparatus of claim 1, wherein:
- 2 said unidirectional clutch assembly comprises a ratchet and pawl.
- 1 4. The apparatus of claim 1, wherein:
- 2 said unidirectional clutch assembly comprises a sawtooth axial gear clutch.
  - 5. The apparatus of claim 1, wherein:

2		said unidirectional clutch assembly comprises a ramp and roller overruning clutch.
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1	6.	The apparatus of claim 1, wherein:
2		said unidirectional clutch assembly comprises a helical spring clutch.
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1	7.	The apparatus of claim 1, wherein:
2		said vanes comprise a plurality of stator disks and rotor disks defining a plurality of
3	annula	r gaps therebetween, such that said viscous liquid is sheared in said plurality of annular
4	gaps to	provide a multi-plate viscous dampening.
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1	8.	The apparatus of claim 1, wherein:
2		said vanes comprise a plurality of turbine vanes.
] [3 ,		
المركبة المركبة	g.	An apparatus for storing an elongate member comprising:
= 2 (%)	<i>'</i> 1	a support frame;
321	)\	a spool retatably supported by said support frame, said spool having a cylindrical body
<sup>⊍</sup> 4	and a p	pair of flanges extending radially outward from opposite ends of said cylindrical body;
<b>]</b> 5		a spring rewind motor operatively disposed between said support frame and said spool,
5 5 6 7 48	said sp	oring rewind motor being capable of exerting a torque on said spool for counteracting a
7	rotatio	nal displacement of said spool from an initial position in a first rotational direction;
± 8		a unidirectional speed retarding apparatus disposed between said spool and said support
9	frame,	said unidirectional speed retarding apparatus comprising viscous clutch means and
10	unidire	ectional clutch means, said viscous clutch means comprising means for providing a
11	velocit	ry-dependent retarding torque between said spool and said support frame, said
12	unidire	ectional clutch means comprising means for disengaging said viscous clutch assembly
13	when s	said spool is rotated in said first rotational direction, thereby permitting said spool to rotate
14	withou	at said viscous clutch exerting a substantial retarding torque, said unidirectional clutch

means further comprising means to engage said viscous clutch assembly such that said viscous

of said spool when said spool is rotated in a second rotational direction.

clutch exerts a retarding torque between said spool and said frame for limiting rotational velocity

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